FEB 1 9 200 Substitute for form 1449A/PTO Complete if Known 10/726,856 Application Number ORMATION DISCLOSURE Filing Date 02 December 2003 First Named Inventor **Sharat Singh** Art Unit 1637 (Prior Application) (Use as many sheets as necessary) J. Tung (Prior Application) Examiner Name Sheet of 3 033.06-1US Attorney Docket Number

			<del></del>					
Examiner Initials *	Cite No.1	Document Number		Issue Date		Name of Patentee or Applicant of Cited Document		
muais		Number - Kind Code <sup>2</sup> (# known)	MM-DD-YYYY			<del></del>		
2	P1	US-4,331,590	<del> </del>	25, 1982 .		Bocuslaski et al		
	P2	US- 4,383,031	<del></del>	May 10, 1983		Bocuslaski et		
	P3	US- 4,780,421	<b>-</b>	tober 25 1988r		Kameda		
	P4	US- 5,360,819		vember 1, 1994		Giese		
-	P5	US- 5,403,711		April 4, 1995	_	Walder e		
	P6	US- 5,843,655	<del></del>	cember 1, 1998		McGa	<del></del>	
	P7	US- 6,121,001	<del></del>	tember 19, 2000		Western e		
	P8	US- 6,214,979	<del></del>	pril 10, 2001	<u></u>	Gelfand (		
	P9	US- 6,331,530		ember 18, 2001		Breslow		
	P10	US- 4,675,300	J	une 23,1987		Zare et	al.	
	P11	US- 5,324,401		une 28, 1994		Yeung e	t al	
	P12	US- 5,470,705	Nov	ember 28, 1994		Grossman	et al.	
	P13	US- 5,536,834		luly 16, 1996		Sing et	al.	
	P14	US- 5,560,811	October 1, 1996			Briggs et	al.	
	P15	US- 5,565,324	October 14, 1996			Still et al.		
	P17	US- 5,573,906	November 12, 1996			Bannwarthe et al.		
	P18	US- 5,580,732	December 3, 1996			Grossman et al.		
	P19	US- 5,624,800	April 29, 1997			Grossman et al.		
	P20	US- 5,703,222	December 30, 1997			Grossman et al.		
	P21	US- 5,719,028	February 17, 1998			Dahberg et al		
	P22	US- 5,721,099	February 24, 1998			Still et al.		
	P23	US- 5,723,591	March 3, 1998			Livak et al.		
	P24	US- 5,756,726	May 26, 1998			Hemmi et al.		
	P25	US- 5,789,172	August 4, 1998			Still et al.		
	P26	US- 5,807,675	Sept	ember 15, 1998		Davalian et al.		
	P27	US- 5,807,682	Sept	ember 15, 1998		Grossman et al.		
	P28	US- 5,811,239	Sept	ember 22, 1998		Frayne		
	P29	US- 5,843,666		zember 1, 1998		Akhavan-Tafti et al.		
	P30	US- 5,874,213	Fet	ruary 23, 1999		Cummins et al.		
	P31	US- 5,876,930	N	larch 2, 1999		Lival et al.		
	P32	US- 5,989,871	Nov	ember 23, 1999		Grosssman et al.		
	P33	US- 5,998,140	Dec	ember 7, 1999		Dervan et al.		
	P34	US- 6,001,579	Dec	ember 14, 1999		Still et al.		
	P35	US- 6,090,947		uly 18, 2000		Dervan e		
1/	P36	US- 6,045,676		April 4, 2000		Mathies et al.		
<del> {/  </del>	P37	US- 5,470,967	N	ov. 28, 1995		Huie et al.		
不了	P38	US- 5,851,770	D	ec. 22, 1998		Babon et al.		
1			FOREIGI	N PATENT DOC	UMENTS	<del> </del>		
Examiner	Cite	Foreign Patent Docu			1	f Patentee or Applicant of	<u> </u>	T
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind C		Publication Date MM-DD-YYYY		Cited Document	1	
T:7	F1	WO 97/28275		August 7, 1997				
	F2	WO 98/01533		January 15, 1998				
	F3	WO 99/13108		March 18, 1999				
	F4	WO 99/64519		Dec. 16, 1999	ĺ		T	Î
3/2/	F5	WO 00/66607		Nov. 9, 2000	1	~·	1	1
							~ == 10.	~
Examiner		1		Date				
Signature	- 1	Joseph	-1	Considered	d	Ce/07/06		

	Adam, W. and Liu, JC., "Photooxygenation (Singlet Oxygen) of
3.T	Tetrathioethylenes" J. Am. Chem. Soc. 94:1206-1209 (1972).
	Adam, W., et al., "Photooxygenation of Vinyl Sulfides: Substituent
l į	Effects on the [2+2] Cycloaddition versus Schenck Ene Reaction
1	Modes" Tetrahedron Letters <u>36</u> (43):7853-7854 (1995).
	Ando, W., et al., "Singlet Oxygen Reaction-II alkylthiosubstituted
	ethylene" Tetrahedron Letters 29:1507-1513 (1973).
	Ando, W., et al., "Singlet Oxygen Reaction. III. 'Solvent and
	Temperature Effects' on the Photosensitized Oxygenation of Vinyl
	Sulfides and Vinyl Ethers" J. Am. Chem. Soc. 96:6766-6768 (1974).
	Ando, W., et al., "Singlet Oxygen Reaction. IV. Photooxygenation
l"	of Enamines Involving a Two-Step Clëavage of a 1,2-Dioxetane
	Intermediate" J. Am. Chem. Soc. <u>97</u> :5028-5029 (1975).
	Ando, W., et al., "Singlet Oxygen Reaction V. Ring Size Effects on
	the Decomposition of Sulfur Substituted 1,2-Dioxetane" Tetrahedron
	Letters 47:4127-4130 (1975).
	Brenner, S. and Lerner, R.A., "Encoded combinatorial chemistry"
	Proc. Natl. Acad. Sci. USA 89:5381-5383 (1992).
	Hacia, J.G., et al., "Detection of heterozygous mutations in BRCA1
	using high density ologonucleotide arrays and two-colour
	fluorescence analysis" Nature Genetics. 14:441-447 (1996).
	Haff, L.A. and Smirnov, I.P., "Multiplex genotyping of PCR
	products with MassTag-labeled primers" Nucleic Acids Res.
	<u>25</u> (18):3749-3750 (1997).
	Lee, L.G., et al., "Allelic discrimination by nick-translation PCR with fluorogenic probes" Nucleic Acid Research 21(16):3761-3766 (1993).
	Marino, M.A., et al., "Characterization of mitochondrial DNA using
	low-stringency single specific primer amplification analyzed by
	laser induced fluorescence-capillary electrophoresis"
	Electrophoresis <u>17</u> :1499-1504 (1996).
	Matthews, J.A. and Kricka, L.J., "Analytical Strategies for the
	Use of DNA Probes" Anal. Biochem. 169:1-25 (1988).
	Pastinen, T., et al., "Multiplex, fluorescent, solid-phase
	minisequencing for efficient screening of DNA sequence variation"
	Clinical Chemistry 42(9):1391-1397 (1996).
<b>X</b> _	Ross, P.L., et al., "Discrimination of Single-Nucleotide
>,か)	Polymorphisms in Human DNA Using Peptide Nucleic Acid Probes

 J. TV	Detected by MALDI-TOF Mass Spectrometry" And L. Chem. 69:4197-4
	Still, W.C., "Discovery of Sequence-Selective Peptide Binding Synthetic Receptors Using Encoded Combinatorial Libraries"  Accounts of Chem. Res. 29:155-163 (1996).
	Ullman, E.F., et al., "Luminescent oxygen channeling immunoass Measurement of particle binding kinetics by chemiluminescence" Proc. Natl. Acad. Sci., 91:5426-5430 (1994).
	Wang, D.G., et al., "Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Gen Science 280 (5366):1077-1082 (1997).
	Wasserman, H.H. and Terao, S., "Enamine-singlet oxygen reaction $\alpha$ -diketones from intermediate amino dioxetanes" Tetrahedron Letters $21$ :1735-1738 (1975).
	Wetmur, J.G., "DNA Probes: Applications of the Principles of Nucleic Acid Hybridization" Critical Rev. in Biochem. and Molecular Biol. 26(3/4):227-259 (1991).
	White, T.J., "The future of PCR technology: diversification of technologies and applications" Trends in Biotechnology 14:478-(1996).
	Woolley, A.T., et al., "Functional Integration of PCR Amplification and Capillary Electrophoresis in a Microfabricat DNA Analysis Device" Anal. Chem. 68:4081-4086 (1996).
J.7/	Zalika, K.A., et al., "Mechanisms of 1,2-dioxetane decompositi the role of electron transfer" Photochem. Photobiol. 30:35-44 (1979).
EXAMINER	DATE CONSIDERED

•		O' 463						Sheet 1 of 2
4PR 0 4 2005 W				ATTY, DOCKET NO. 11068-193-999		APPLICATION NO. 10/726,856		
(No several shorts if managed)					APPLICANT			
					Singh et al.			
					FILING DATE		GROUP	
 		·			December 2, 200	3 ·	1637	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
57	A01	5,744,306	04/10/1998	MURTAGH JR. ET AL.		_	<b>-</b>	
1/	A02	6,270,967	08/07/2001	WHITCO	MBE ET AL.			
V	A03	6,403,303	06/11/2002	SHIPMA	N ET AL.			

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATIO
<del></del>	······································			· · · · · · · · · · · · · · · · · · ·		YES	N
	i	- 1		1	į		

		OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)
5.71	A04	Ando et al., 1972, "Photosensitized Oxygenation of Vinylic Sulphides", J.C.S. Chem. Comm., pgs. 477-478.
İ	A05	Ando et al., 1973, "Singlet Oxygen Reaction - II Alkylthiosubstituted Ethylene'", Tetrahedron, 29:1507-1513.
	A06	Bangs Laboratories, Inc., 1999, "Working with Microspheres", Tech Note #201, Rev. #001, Active:, pgs 1-16
	A07	Beaudet et al., 2001, "Homogeneous Assays for Single-Nucleotide Polymorphism Typing Using AplhaScreen", Genome Research, 11:600-608.
	A08	Da Ros et al., 2001, "DNA-Photocleavage Agents", Current Pharmaceutical Design, 7:1781-1821.
	A09	Fitch et al., 1999 "Improved Methods for Encoding and Decoding Dialkylamine-Encoded Combinatorial Libraries", J. Comb. Chem, I, 188-194.
	A10	Giese, 1983, "Electrophoric Release Tags: Ultrasensitive Molecular Labels Providing Multiplicity", Trends in Analytical Chemistry, 2(7)166-168.
	A11	Gomer, 1991, "Preclinical Examination of First and Second Generation Photosensitizers Used in Photodynamic Therapy", <i>Photochemistry and Photobiology</i> , 54(6):1093-1107.
	A12	Holland et al., 1991, "Detection of Specific Polymerase Chain Reaction Product by Utilizing the 5' → 3' Exonuclease Activity of Thermus Aquaticus DNA Polymerase", Proc. Natl. Acad. Sci. USA, 88:7276-7280.
	A13	Houghten et al., 1980, "Human R-Endorphin: Synthesis and Characterization of Analogs Iodinated and Tritiated at Tryosine Residues 1 and 27", Int. J. Peptide Protein Res., 16: 311-320.
	A14	Khazaeli et al., 1988 "Phase I Trial of Multiple Large Doses of Murine Monoclonal Antibody CO17-1A. II. Pharacokinetics and Immune Response", Journal of the National Cancer Institute, 80(12), pgs. 937-942.
V	A15	Kochevar et al., 2000, "Photosensitized Production of Singlet Oxygen", Methods in Enzymology, 319:20-29.
5.7	A16	Liu et al., 2001, "Capillary Electrochromatography-laser-induced Fluorescence Method for

Sheet 2 of 2 of List of References of Application No.10/726,856

		of Application No.10/720,836					
		Separation and Detection of Dansylated Dialkylamine Tags in Encoded Combinatorial					
5.00	ł	Libraries", Journal of Chromatography, Art. 924:323-329.					
	A17	Lu et al., 1999, "Polymerizable Fab' Antibody Fragments for Targeting of Anticancer					
1		Drugs", Nature Biotechnology, 17:1101-1104.					
	A18	Lum et al., 1985, "Ability of Specific Monoclonal Antibodies and Conventional Antisera					
1	1	Conjugated to Hematoporphyrin to Label and Kill Selected Cell Lines Subsequent to Light					
	ł	Activation", Cancer Research, 45:4380-4386.					
	A19	Marglin et al., 1970, "Chemical Synthesis of Peptides and Proteins", Art. 739, pgs. 841-866.					
<del>  </del>	A20	Merrifield, 1963, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide",					
	1	Synthesis of a Tetrapeptide, 85:2149-2154.					
	A21	Ni et al., 1996, "Versatile Approach to Encoding Combinatorial Organic Synthesis Using					
		Chemically Robust Secondary Amine Tags", J. Med. Chem., 39:1601-1608.					
·	A22	Olejnik et al., 1988, "Photocleavable Affinity Tags for Isolation and Detection of					
1		Biomolecules, Methods in Enzymology, 291:135-154.					
	A23	Oseroff et al., 1996, "Antibody-Targeted Photolysis: Selective photodestruction of Hurnan					
1	Ì	T-Cell Leukemia Cells Using Monoclonal Antibody-Chlorin e,, Conjugates", Proc. Natl.					
		Acad. Sci. USA, 83:8744-8748.					
	A24	Posewitz et al., 1999, "Immobilized Gallium("Affinity Chromatography of					
		Phosphopeptides", Anal. Chem., 71:2883-2892.					
	A25	Rakestraw et al., 1990, "Antibody-Targeted photolysis: In vitro Studies with Sn(IV)					
) ·		Chlorine 6 Covalently Bound to Monoclonal Antibodies Using a Modified Dextran Carver",					
		Proc. Natl. Acad. Sci. USA, 87:4217-4221.					
	A26	Sharman et al., 2000, "Role of Activated Oxygen Species in Photodynamic Therapy",					
	<u></u>	Methods in Enzymology, 319:376-400.					
	A27	Strong, 1994, "Antibody-Targeted Photolysis", Annals New York Academy of Sciences,					
		745:297-320.					
	A28	Wohrle, 1991, "Porphyrins, Phthalocyanines, and Naphthalocyanines for Various Processes					
	<u> </u>	fo Visible Light Driven Conversion Processes", Chimia, 45:307-310.					
	A29	Yarmush et al., 1993, "Antibody Targeted Photolysis", Critical Reviews in Therapeutic Drug					
		Carrier Systems, 10:197-252.					
1/-	A30	Yemul et al., 1987, "Selective Killing of T Lymphocytes by Phototoxic Liposomes", Proc.					
3.VZ/	1	Natl. Acad. Sci. USA, 84:246-250.					

EXAMINER	John	DATE CONSIDERED	6/07/06
----------	------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.